

Sample E was the same as Sample D, but a more durable version thereof. The whole composite structure was pre-bonded with a small amount of polymer before the scatter hard polymeric binder coating was applied to the surface of layer 14.

1. A bi-functional nonwoven fabric wipe, comprising:
a hydroentangled composite fibrous matrix having first and second opposite expansive surfaces,
said first expansive surface being provided by a first outer layer of said composite fibrous matrix, and exhibiting a first surface texture,
said second expansive surface being provided by a second outer layer of said composite fibrous matrix, said second expansive surface having a binder composition applied thereto for enhancing surface abrasiveness of said second expansive surface, said second expansive surface thereby exhibiting a relatively abrasive surface texture,
whereby the differing surface textures of said opposite expansive surface provide bi-functional characteristics for said wipe.

4. A bi-functional nonwoven fabric wipe in accordance with claim 2, wherein:
said differing colors of said first and second expansive surfaces comprise a colored binder composition applied to said second expansive surface.

6. A bi-functional nonwoven fabric wipe in accordance with claim 1, wherein:
said binder composition is scatter-applied.

7. A bi-functional nonwoven fabric wipe in accordance with claim 1, wherein:
said binder composition is pattern-applied.

10. A bi-functional nonwoven fabric wipe in accordance with claim 8, wherein:
said blend comprises rayon fibrous material and polyethylene terephthalate fibrous material.

13. A bi-functional nonwoven fabric wipe in accordance with claim 11,
wherein:

said first outer layer consists essentially of rayon fibers, and said second outer
layer comprises a blend of polyethylene terephthalate fibers and rayon fibers.